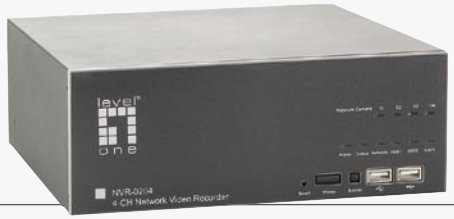
# 4-CH Network Video Recorder



NVR-0204

H/W Version: 1

## Easy to install and use

NVR-0204 is a high performance Network Video Recorder for easy set up a reliable and cost-effective surveillance system for IP network cameras. It enables live view recording and playback for up to 4 IP network cameras via the local area network or over the internet simultaneously.

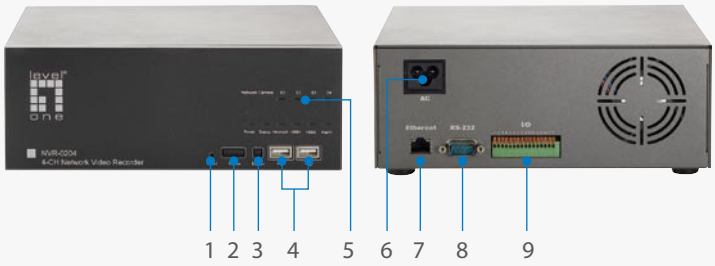
The system is compatible with many IP cameras, with no specific hardware or software required, just plug NVR-0204 into your LAN-connected device (switch or router) with few clicks and it will search and configure each connected IP cameras. With built-in IP based device, it offers a complete recording solution directly connects to your network, such as real-time monitoring, video recording and playback. It is a powerful solution that well suited for small scale applications such as retail store, office, bank or home surveillance systems.

## High-quality and Internet viewing

With high-quality MPEG-4/MJPEG/H.264 codec compression, provides up to megapixel resolution, it will always give the same and consistent images quality as the original image form the IP cameras for video and real-time viewing. And most importantly, users can access the live view and playback functions over the internet, an attractive feature for shop and business owners that need to keep an eye on important assets while they're away.

## Free bundled NVR management Software

The free bundled NVR management software can support to management up to 16 NVR devices, it can also support mixed NVR type (example 4/8/16-CH), so the NVR management software is able to supports up to 256 IP network cameras (max.).




1. Reset Button
2. Power Button
3. Buzzer Stop Button
4. USB2.0 Interface
5. LED Anzeigens
6. Power Port
7. Ethernet
8. RS-232
9. DI/DO

## Key Features

- Two 3.5 inch Disk Slot (SATA I or SATA II)
- Gigabit Ethernet (1000 Mbps) speeds
- Compression: MJPEG/MPEG-4 Part 2/H.264
- Support PTZ/Preset Point/Preset Sequence
- Motion Detected Event Display on E-Map
- Display Mode: Live View/Playback/Full Screen
- Resolution: HD/MegaPixel/FD1/CIF/QCIF
- Export Playback Videos to AVI
- Support schedule recordings and 2-way Audio
- Support External UPS and DI/DO.
- Smart Camera Search and Live image view
- Free Bundled NVR management Software to manage up to 16 NVR devices

## Works Well With

**FCS-1121**
H.264 Megapixel PoE Network Camera

**FCS-4020**
Day/Night Speed Dome Pro Network Camera (35x)

## Technical Specification

### Hardware Specification

**CPU and Memory**
ARM9 500Mhz/128MB DDR RAM

**Ethernet**
10BaseT / 100BaseT/1GBaseT and half duplex /full duplex auto-negotiation

**HDD**
SATA HDD Slot x 2 (SATA I or SATA II)
Max. Capacity: 2TB (1TB per HDD)

**LED**
Cameras/Power/System/Network/HD/Alarm

**Buttons**
Reset/Power/Buzzer

**Connectors**
USB x 2
RS-485
DI/DO Connectors
RS-232

**Weight**
10lbs

**Temperature**
Operating: 5 °C ~ 45 °C/41 °F ~ 113 °F
Storage: -40 °C ~ 70 °C/-14 °F ~ 158 °F

**Power**
19V DC
Power consumption: 90W

**Humidity**
5% ~ 90% (non condensing)

**Dimensions**
243 x 218 x 72 mm

**Safety**
FCC Class A/CE/UL

### Software Specification

**General**
Web UI Language: English/Trad.Chinese/Simp.Chinese/ Japanese/Spanish/Italian/Portugese/German/Danish/Czech

**Cameras**
Add Camera: Manual/Smart Camera Search
Max. Channels: 4
Supported Brands: LevelOne, ACTi, Arecont Vision, AXIS, D-Link, ETROUISION, MOBOTIX, Panasonic, SONY, TOSHIBA, VIVOTEK, ZAVIO

**Levelone Camera support list**
FCS-0010,WCS-0010, FCS-0020, WCS-0020, FCS-1091, WCS-1090, FCS-1030v2, WCS-2030v3, FCS-1060, WCS-2060 FCS-3021, FCS-5030, FCS-4010, FCS-5011, FCS-1101, FCS1081A, FCS-4X00, FCS-0030, WCS-0030, FCS-1121, FCS-3061, FCS-4020

**Video**
Compression: MJPEG/MPEG-4 Part 2/H.264
Resolution: HD/MegaPixel/FD1/CIF/QCIF
Max. Frame Rate: 120 fps (2 MegaPixel, .264)

**Audio**
Streaming: Two-way audio
Compression: G.711, G726

**Live View**
Display Mode: Live View/Playback/Full Screen
Split Screen: 1/4
Full Screen: 1/4
PTZ Support: Virtual PTZ Panel/Auto Pan/Preset Point/Preset Sequence
Sequence Mode: Sequence All/Manually Selected cameras in 1/4 split view with configurable timer
Snapshot: Video snapshot in JPEG format
E-Map: Motion Detected Event Display on E-Map
Mobile Device: Live image view through mobile device's web browser Support iPhone/ Blackberry/ WinMobile 6.5/ Symbiam S60

**Playback**
Split Screen: 1/4
Seach Method: Time/Date, Event
Playback Controls: Play/ Pause/ Stop/ Forward/ Reverse/ Speed Adjust/Frame by Frame
Export AVI: Export Playback Videos to Local Computer in AVI Format

**Recording**
Capacity: Depends on hard disk
Recording Mode: Manual/ Continuous/ Scheduling/ Event
Scheduling Types: Manual Select/ Profile-based/ Weekly Mode

**Network**
Protocols: HTTP/SMTP/DHCP/ARP/NTP/DNS/UPnP/FTP
Streaming Protocols: Depend on the supported cameras

**User Management**
Management: User/Group
Number of Groups: 7 (Administrator/Guest/User Define * 5)
Privileges: Live View/Playback/System Configurations/ Camera Con- figurations/Recording Configuration/ Event Configuration/ Maintenance

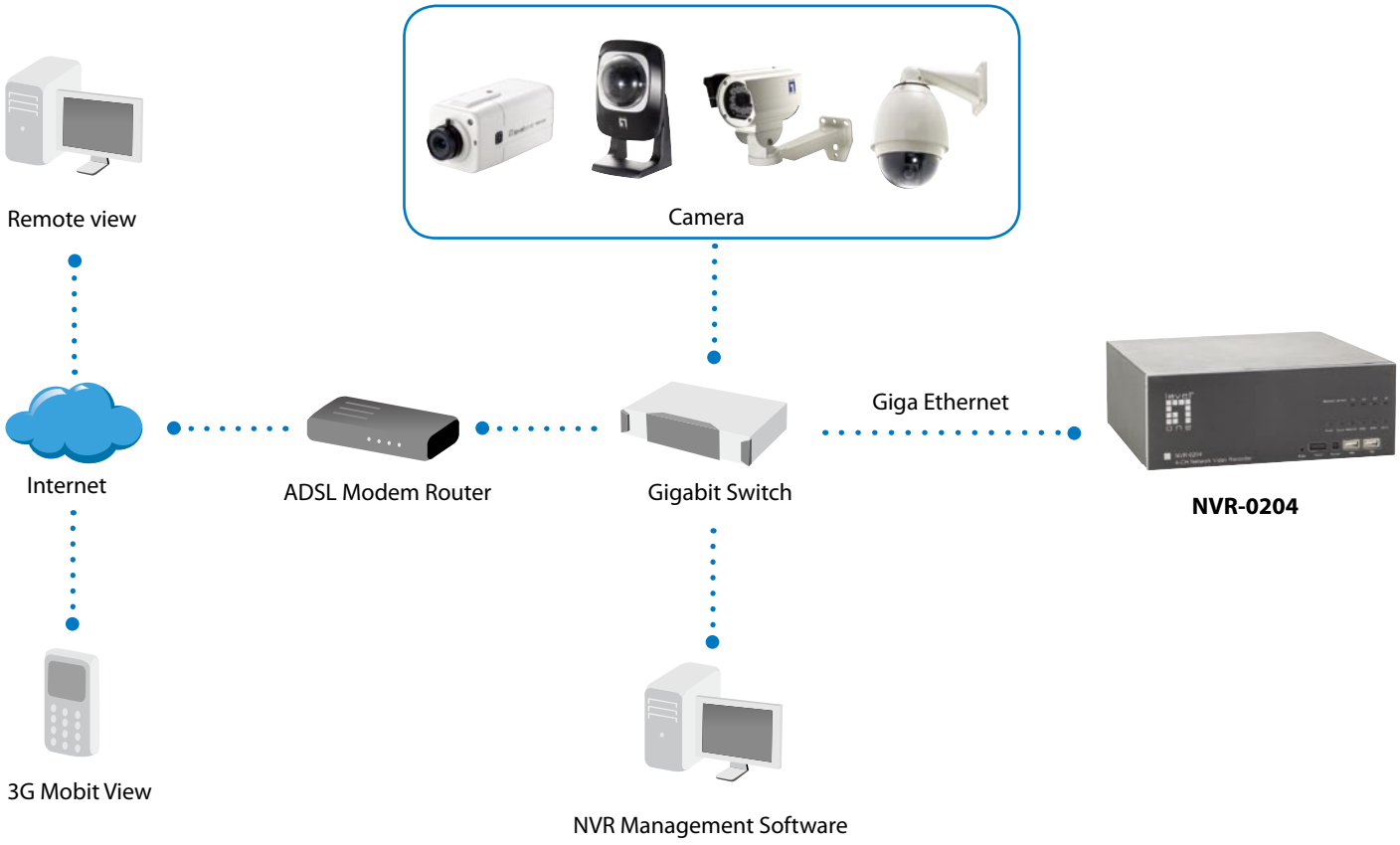
**Triggers & Events**
Events: System Events -- System Start/Shutdown, System Settings modified, Camera Settings Modified, Start Recycle, Disk Full
Camera Events -- Motion/Sensor Detection
Event Actions: HTTP/Mail/FTP/Buzzer/Record
Event Recording Pre/Post Event Settings

**Central Management**
Central Management: Support NVR Management Software

**Power & Storage**
UPS: Support External UPS System
Storage: Support SATA x 2, Max. 1TB per drive

**Logs**
Log Types: Alert/Event/User Access
Systems
Mini. Hardware Requirements:
CPU: Intel Pentium 4 or higher @ 2Ghz
RAM: 1GB or above
Network: 100 Megabit Network Interface or above
Mini. Software Requirements:
IE Browser version 7 or above

## Product Diagram




**Order Information** **NVR-0204:** 4-CH Network Video Recorder

**Package Contents**

NVR-0204 (HDD NOT included)
CD Manual / Utility
Quick Installation Guide
Power cord

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